



## **“Smart Bolt” (SB) Technology for Material Protection, Control, & Accounting System (MPC&A)**



- Enhanced sealing and bolting system to secure nuclear and other materials of interest
  - Multiple-use Seal/Tag seals conventional containers for fissile materials storage and transportation
  - Smart Bolt with Piezo-Generator seals conventional containers for long-term storage of fissile materials
  - Two types of bolts available: battery-operated and piezoelectric-generated
- Smart Bolt utilizes RF communications technology for interrogation of bolt from a remote location
- Advanced seal technology cuts costs and automates the transmission of seal data
- Capabilities to produce and service equipment used in MPC&A systems resulting in a strengthened industrial and physical RF infrastructure



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